

ABSTRACT

A moisture- or protein- adsorbability imparting agent, comprising a porous silica having a hexagonal pore structure, an average pore size of from 0.8 to 20 nm, an average particle size of 50 nm to 100  $\mu\text{m}$ , a specific surface area of from 400 to 2000  $\text{m}^2/\text{g}$ , and a pore volume of from 0.1 to 3.0  $\text{cm}^3/\text{g}$ ; a material having an adsorbability of moisture or a protein, comprising the moisture- or protein-adsorbability imparting agent; and use of the moisture- or protein-adsorbability imparting agent for imparting absorbability of moisture or a protein to a material selected from the group consisting of food wrapping materials; filtration aid agents; sanitary articles; compositions containing a synthetic resin; moisture-controlled material; covering materials for wounds; insulation substrates; coating materials for semiconductor devices; cosmetics; inkjet recording media; and compositions containing synthetic fibers.